

S105796



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SWA3-3-OH
Job Sheet OH182543



Part No: SWA3-3-OH

Job Qty: 1 ea

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/28/18

Job Tracking No: RA362

Due Date: 8/30/18

Created By: Michelle Gagnon-Donovan

Type: Rework - OH

Description: SN: CNAM1060-04

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.03.05 New issue DP verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	8/30/18	8/30/18	0.00	0.00	Start Up Small Fab-4		met 18.08.28
110	Small Fab	1 pcs	8/30/18	8/30/18	0.00	1.00	Small Fab-9		17 28/08/18
120	QC	1 pcs	8/30/18	8/30/18	0.00	0.00	QC5		
130	Customer Acceptance	1 pcs	8/30/18	8/30/18	0.00	0.00	QC6	DAS	
140	Outsource	1 pcs	8/30/18	8/30/18			SKY002-VC	13	AUG 29 2018
150	Packaging	1 pcs	8/30/18	8/30/18	0.00	0.00	Packaging2	9-89	SEP 04 2018
160	QC	1 pcs	8/30/18	8/30/18	0.00	0.00	QC6		38
170	Small Fab	1 pcs	8/30/18	8/30/18	0.00	1.00	Small Fab-9		9-89
180	QC	1 pcs	8/30/18	8/30/18	0.00	0.00	QC5		21
185	DC	1 pcs	8/30/18	8/30/18	0.00	0.00	DC		SEP 11 2018
190	Packaging	1 pcs	8/30/18	8/30/18	0.00	0.00	Packaging3-2		SEP 11 2018
200	QC21-FG	1 Ea	8/30/18	8/30/18	0.00	0.00	QC21		SEP 11 2018

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels Photocopy blue file OM & OOPM-SWA3A Rev3



1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S105796



Part: SWA3-3

Job No: OH182543

Serial No./Batch: CNAM1060-04

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 09/04/18

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA3-3-AR	Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)	1 pcs (1 ea)	100-Start up Operation	
188-FPSS-832-1/4	Set Screw	1 Ea (1 ea)	170-Small Fab	5027241
230 330	Rotary Connector	1 pcs (1 ea)	170-Small Fab	5084056
92210A303	Flat Socket Cap Screw	4 pcs (4 ea)	170-Small Fab	5031242
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab	—
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	—
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge	6 ft (6 ea)	170-Small Fab	5105579
SWA3-100	Upper End - Swa3 Swivel	1 Ea (1 ea)	170-Small Fab	—
SWA3-200	Lower End	1 Ea (1 ea)	170-Small Fab	—
SWA3-300	Wire Clamp	2 Ea (2 ea)	170-Small Fab	—
SWA3-400	Button Head Screw	2 Ea (2 ea)	170-Small Fab	5098013
SWA3-500B	Contact Spacer	1 Ea (1 ea)	170-Small Fab	—
SWA3-600	O-Ring	1 Ea (1 ea)	170-Small Fab	5097844
SWA3-700	9529K15 Bearing Balls - 1/4"	32 Ea (32 ea)	170-Small Fab	5093350
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	170-Small Fab	5073060

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	SWA3-3	1	0	0
170-Small Fab	188-FPSS-832-1/4	1	46	0
	330	1	0	0
	92210A303	4	112	0
	EL-PLUG-F	1	33	0
	EL-PLUG-M	1	107	0
	EL314-SJTOW	6	327	0
	SWA3-100	1	0	0
	SWA3-200	1	8	0
	SWA3-300	2	33	0
	SWA3-400	2	22	0
	SWA3-500B	1	0	0
	SWA3-600	1	19	0
	SWA3-700	32	1,024	0
	SWA6A-1900	6	646	0

Part Specifications

Specifications could not be found.

Plex 8/28/18 9:21 AM Dart.Gagnon.Michelle

Inspection Sheet Complete RA362

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
SWA3-3	CNAM1060-04	1	☒ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S083808	OVERHAUL
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____

968-9435:0
rev. 00-01

HYDRO ONE NETWORK SERVICES INC.
HELICOPTER SERVICES
 224 Line 7 N, RR2, Oro Medonte, Ontario L0L 2E0
 704-487-1771

packing list for material shipped

[illegible]

PURCHASE ORDER

PO No: 20180178

Hydro One Networks Inc.
 Lake Simcoe Regional Airport
 224 Line 7 N. R.R.#2

Priority: Normal

Date: 2018/06/13

Oro Medonte, Ontario, Canada, L0L 2E0

Phone: (705) 487-1771 Fax: (705) 487-6261

Attn:		Ship To: HYDRO ONE	
Vendor: DART AEROSPACE LTD		Attn:	
1270 ABERDEEN STREET		LAKE SIMCOE REGIONAL AIRP	
Hawkesbury		224 LINE 7 N.	
Ontario K6A 1K7		ORO-MEDONTE	
Salesman:		State: ON	Post Code: L0L 2E0
Phone: 1 613 632 3336	Fax: 1 613 632 4443	Country: CANADA	

Item	Part #	WO#	Qty	Unit	Cond.	Control Code	Cost	Total
1	SWA3-3		1	REP		CONS	650.00	650.00

Description: SWIVEL**Serial #:** 1060-04**Comments:** LL ASSY# 6

INSPECTION AND OVERHAUL REQUIRED AS PER MANUFACTURES SPECIFICATIONS

QUOTE ACKNOWLEDGEMENT #7275

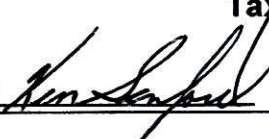
Terms and conditions of this order

All items listed on this purchase order must meet applicable Airworthiness standards.

FORM ONE REQUIRED OR 8130-1

ELECTRONIC EQUIPMENT:

RETURN WITH CONFIGURATION SETTINGS AS RECEIVED

Ship Via:	Page 1 Sub Total:	650.00
Terms:	Tax (0.00%) Sub Total:	0.00
Ordered By: MICHELLE	P/O Total Freight Charge:	0.00
Approved By: KEN SANFORD 	Purchase Order Total:	650.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

QUOTE ACKNOWLEDGEMENT

CUSTOMER

Customer Code: CHYDR01

Sold To: Hydro One Networks Inc

Lake Simcoe Regional Airport RR #2, 224 Line 7,
North
Oro Station ON L0L 2E0
Canada
Phone: 1 705 487 5315

Ship To: Hydro One Networks Inc
Lake Simcoe Regional Airport
224 Line 7 N. RR #2
Oro Medonte ON L0L 2E0
Canada

QUOTE

Quote No : 7275

Date: 6/13/18

Ship-To Contact: Michelle Rowe

Email: michelle.rowe@hydroone.com

Cust PO No:

FOB: Shipping Point

Ship Via:

Freight Terms: PrePaid

Terms: Net 30

INCO Terms:

Order Taker: Lucie Lamoureux

Order Taker Phone:

Order Taker Email: llamoureux@dartaero.com

Line No	Due Date	Ship Date	Part	Description/Note	Quantity	Unit	Price	Unit	Extended Price
1			SWA3-3	Electric Swivel 3,000 lb Safe Work Load (1,360 kg) OVERHAUL SERIAL NUMBER 1060-04	1	pcs	\$650.00	pcs	\$650.00
Sub Total									\$650.00
Grand Total									\$650.00

ORDER NOTES

SERIAL NUMBER 1060-04

All Prices Quoted In USD & Valid For 30 Days. All Parts Subject To Prior Sale & Are Ex-Works Manufacturing Facility In Hawkesbury, ON, Canada

Freight Not Included In This Quote

Lead Time 4-6 Weeks After Receipt of Order

Pricing may be revised upon receipt and inspection of unit. Revised quote will be sent to also include extra parts/time needed to perform repairs other than regular overhaul

RA362

Received Date: 25-Jun-2018

Inspection date:

QC Approval:

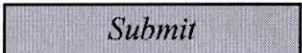
Waiting on job

Work Order 04182543

Customer _____

Number of Wires 3Date 2018/08/28Serial Number CNAM1060-04

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- PASS
1	3,000	Check all wires for grounding against swivel body.	- PASS
1	1,500	Check for Conductivity against all wires.	- PASS
1	1,500	Check all wires for grounding against swivel body.	- PASS
1	750	Check for Conductivity against all wires.	- PASS
1	750	Check all wires for grounding against swivel body.	- PASS
1	0	Check for Conductivity against all wires.	- PASS
1	0	Check all wires for grounding against swivel body.	- PASS

Test Conducted By: ALAIN PATRY
TechnicianSignature: _____
QC 5 Small FAB / QASubmit



Overhaul Incoming Inspection
SWIVEL

Customer

OH182543 / RA362

Date

2018/08/29

Part Number

SWA3-3 330

Serial Number

CNAM1060-04

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

330 ROTARY CONTACT (1)

☐☐☐☐☐☐☐☐☐☐

Inspected By

ALAIN PATRY



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040874**

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040874
PO Date: 8/29/18
Due Date: 9/4/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	OH182544	SWA3-3-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
	OH182543		1 X SEP 0 4 2018	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
	OH182542		1 X SEP 0 4 2018	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
Sub Total:							3	0	3		\$267.00
2	OH181477	SWA10A-2-OH	Electric Swivel 10,000 lb Safe Work Load (4,536 Kg)	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
3	ROH180971	SWA15A-3-OH	Electric Swivel 15,000 lb Safe Work Load (6,818 kg)	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
Grand Total:											\$445.00

DAS
61
9-89

DAS
38
9-89

Procurement Quality Clauses

A012 chemical and physical test report

A017 raw material identification (as applicable)

A024 process certifications

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/4/18 9:23 AM dart.lavoie.chantal

**skyservice****Work Order Traveler**

Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO37237	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO040874
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:

CARRY OUT NDT ON EIGHTEEN PARTS AS PER PO: PO040874

1 ELECTRIC SWIVEL , P/N# SWA15A-3-OH , J/S# ROH180971 ✓

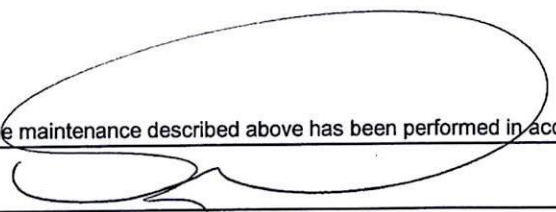
3 ELECTRIC SWIVEL , P/N SWA3-3-OH , J/S# OH182544 , OH182543 , OH182542 ✓

1 ELECTRIC SWIVEL , P/N# SWA10A-2-OH , J/S# OH181477 ✓

DAS
61
9-89

Action Taken:						Date:	Initial/Stamp:
MPI C/O IAW ASTM E-1444 REV. 16						AUG 30 2018	 
NO CRACK FOUND							
MAGBENCH S/N 208123 CAL DUE: 16-OCT-2018						DAS 38 9-89	
POWDER 14A BATCH# MPO13600							
CARRIER II BATCH# MPO20165							
Description	Location	P/N	Qty	Batch	S/N Off	S/N On	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

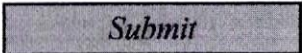
Signature: 	ACA/SCA Stamp 	Date: AUG 30 2018
Name: RAFIK MELIKIAN		

Work Order 0H182543Customer 7275Number of Wires 3Date 11/09/18Serial Number CNAM1060-04

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By: Francis Lacroix
TechnicianSignature: Sylvie Pouchet

QC 5, Small FAB / QA

Submit